



3026 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 112056-0138U

First Inventor Stephen L. Manley

Title SYSTEM-INDEPENDENT DATA FORMAT IN A MIRRORRED
STORAGE SYSTEM ENVIRONMENT AND METHOD FOR
USING THE SAME

Express Mail Label No. EV 335568377 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification (Total Pages 42)
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the invention
 - Brief Summary of the invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) (Total Sheets 18)
5. Oath or Declaration (unsigned) (Total Pages 2)
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for a continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:Mail Stop Patent Application
Commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 C.F.R. §3.73(b) Statement ☐ Power of
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____ /

Prior application information: Examiner _____

Group / Art Unit:

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied
under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference.
The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

17. CORRESPONDENCE ADDRESS☒ Customer Number or Bar Code Label

24267

PATENT TRADEMARK OFFICE

or ☐ Correspondence address below

Name

Duane H. Dreger

Address

Cesari and McKenna
88 Black Falcon Avenue

City

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MA

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Duane H. Dreger

Registration No. (Attorney/Agent)

48,836

Signature

Date

February 12, 2004

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any
comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark
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Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

2387 U.S. PTO
10/777978

021204

23026 U.S. PTO

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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant Claims Small Entity Status. See 37 CFR 1.27

Complete if Known

Application Number	Not yet assigned
Filing Date	February 12, 2004
First Named Inventor	Stephen L. Manley
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	112056-0138U

TOTAL AMOUNT OF PAYMENT (\$) 1,162

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money ☐ Other ☐ None
☒ Deposit Account Order
 Deposit Account Number: 03-1237
 Deposit Account Name: Cesarini and McKenna, LLP

The Commissioner is authorized to: (check all that apply)
☐ Charge any deficiency or
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity/Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	375 Utility filing fee	770
1002	330	2002	185 Design filing fee	
1003	520	2003	280 Plant filing fee	
1004	750	2004	375 Reissue filing fee	
1005	180	2005	80 Provisional filing fee	
SUBTOTAL (1)				770

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid
 Total Claims: 37 - 20** = 17 x 18 = 306
 Independent Claims: 4 - 3** = 1 x 86 = 86
 Multiple Dependent: = 0

Large Entity/Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1202	18	2202	9 Claims in excess of 20	
1201	84	2201	42 Independent claims in excess of 3	
1203	280	2203	140 Multiple dependent claim, if not paid	
1204	84	2204	42 **Reissue independent claims over original patent	
1205	18	2205	9 **Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)				392

**or number previously paid, if greater; For Reissues, see below

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English Specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility Issue fee (or reissue)	
1502	470	2502	235	Design Issue fee	
1503	630	2503	315	Plant Issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	
Other fee (specify)					
Other fee (specify)					
SUBTOTAL (3)					0

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Duane H. Dreger	Registration No. (Attorney/Agent)	48,936	Telephone	(617) 951-2500
Signature	<i>Duane H. Dreger</i>	Date	February 12, 2004		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OF COMPLETED FORMS TO THIS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of:)	
Stephen L. Manley)	
)	
Serial No.: Not yet assigned)	Examiner: Not yet assigned
)	
Filed: February 12, 2004)	
)	Art Unit: Not yet assigned
For: SYSTEM-INDEPENDENT DATA)	
FORMAT IN A MIRRORED)	
STORAGE SYSTEM ENVIRON-)	
MENT AND METHOD FOR US-)	
ING THE SAME)	
		Cesari and McKenna, LLP
		88 Black Falcon Avenue
		Boston, MA 02210
		February 12, 2004

EXPRESS-MAIL DEPOSIT

"Express Mail" Mailing-Label Number: EV 335568377 US

The following papers are being deposited with the United States Postal Service
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

<u>X</u> Patent Application (42 pages including 37 claims)	
<u>X</u> Declaration and Power of Attorney (unsigned)	<u>X</u> Fee Transmittal Letter
<u>X</u> Utility Patent Application Transmittal Letter	<u>X</u> Formal Drawings (16 sheets)
<u>X</u> Check in the amount of \$1,162.00	<u>X</u> Request for Non-Publication
<u>X</u> Return Receipt Postcard	

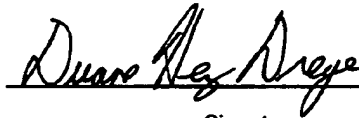
**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Stephen L. Manley
Title	SYSTEM-INDEPENDENT DATA FORMAT IN A MIRRORED STORAGE SYSTEM ENVIRONMENT AND METHOD FOR USING THE SAME
Atty Docket Number	112056-01380

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

February 12, 2004

Date



Signature

Duane H. Dreger, Reg. No 48,836

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application upon filing.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PATENTS
112056-0138U
P01-1583.02

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the Patent Application of

Inventor(s): Stephen L. Manley

For: SYSTEM-INDEPENDENT DATA FORMAT IN A
MIRRORED STORAGE SYSTEM ENVIRONMENT AND
METHOD FOR USING THE SAME

Serial No.: 10/777,978

Filed: February 12, 2004

are the following papers:

- ☒ A preliminary amendment
- ☐ A petition for extension of time and check for \$
- ☒ A check for \$500 to cover the fee for additional claims resulting from the response. The fee is calculated as follows:

Total Claims Remaining after
Amendment:.....39
Less Highest Number of Total Claims
Previously Paid for:.....37

Difference.....2 × \$ 50 = \$ 100

Independent Claims Remaining
after Amendment.....6
Less Highest Number of Independent
Claims Previously Paid for.....4

Difference.....2 × \$ 200 = \$ 400

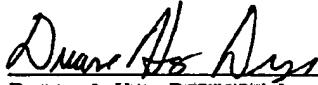
Multiple-Dependent-Claim Fee Required
after Amendment and Not Previously Paid..... \$ 0

Total of Above Calculations..... \$ 500
Less Reduction for Small Entity \$ 0

Total Due \$ 500

The Commissioner is hereby authorized to charge any
other fees under 37 C.F.R. §§1.16 and 1.17 that may be required,
or credit any overpayment, to our Deposit Account No. 03-1237.

Respectfully submitted,



Duane H. Dreger
Reg. No. 48,836
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Boston, MA 02210
(617) 951-2500